

ABSTRACT

An adhesive composition for semiconductor devices which comprises an epoxy resin, a phenoxy resin, and a hardener, wherein part or all of the epoxy resin comprises at least one type of epoxy resin selected from the followings:

- (a) a dimer acid modified epoxy resin
- (b) a phosphorus containing epoxy resin having an epoxy equivalent of 2000 to 6000.

Said adhesive composition has satisfactory flexural properties even in a high-temperature environment while retaining an excellent toughness of the adhesive and is excellent in soldering heat resistance, adhesive property, flame retardancy and electrical properties. The adhesive composition can suitably be used for cover lay films, adhesive sheets and copper-clad polyimide films.